

**California Department of Transportation  
Storm Water Management Program  
Regional Work Plan  
Central Coast Region 3**

**Fiscal Year  
2007-2008**

**CTSW-RT-07-182-4.2**



**California Department of Transportation  
Division of Environmental Analysis  
Storm Water Management Program  
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<http://www.dot.ca.gov/hq/env/stormwater>**

**April 1, 2007**





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**California Department of Transportation  
District 7 Certification**

**Regional Work Plan 2007-2008**

**California Regional Water Quality Control Board  
Central Coast Region 3**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

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**Doug Failing  
District 7**

**Date**



## CONTENTS

1.0	Introduction .....	1-1
2.0	Department Personnel and Responsibilities.....	2-1
3.0	District Facilities and Water Bodies .....	3-1
4.0	High-Risk Areas.....	4-1
5.0	Implementation Activities.....	5-1

## TABLES

Table 2–1:	District 7 Department Storm Water Personnel and Responsibilities .....	2-7
Table 2–2:	District 7 Signatory Authority for Key Documents.....	2-8
Table 3–1:	District 7 Facilities.....	3-1
Table 4–1:	District 7 High-Risk Areas .....	4-3
Table 5–1:	District 7 Anticipated Project Development/Construction Schedule.....	5-4
Table 5–2:	District 7 Anticipated Maintenance Activities and Other Management Practices .....	5-7
Table 5–3:	District 7 General Management Practices.....	5-9

## FIGURES

Figure 2–1:	District 7 Organizational Chart.....	2-9
Figure 3–1:	District 7 RWQCB and H.U. Boundaries.....	3-3





## **1.0 INTRODUCTION**

### ***General Information about this Regional Work Plan (RWP)***

The Regional Work Plan (RWP) provides region-specific information for District 7, Region 3's water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the California Department of Transportation (Department) will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2007-2008 as required by the *Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

### ***Goals and Commitments***

Current goals of District 7 include improving compliance-monitoring practices, enhancing BMP implementation, and extending public outreach. To achieve these goals, the District has committed to adding more staff such as creating a new Storm Water Crew in the maintenance office. This office would be inspecting numerous facilities within the district and region. Additional education for the staff and public involves initiating a million-dollar public service ad campaign in partnership with other stakeholders to bring the urgency of eliminating storm water runoff pollution to the forefront of roadway contractors and users.

### ***Major Changes***

The Storm Water Unit has expanded and divided the duties of the District Storm Water Coordinator and the Design Storm Water Coordinator, which added efficiency of analyzing the project's locations using the internal audit such as Storm Water Data Report. Design Storm Water Coordinators, an extension or addition to the Landscape Architecture Section. They analyze the project location, consider, and offer suggestions for Treatment BMP locations in each project. Storm Water Data Report review has been more streamlined in having more reviewers study the report before signing off on a project.

### ***Documentation***

No changes have been made to the documents such as Facility Pollution Prevention Plans (FPPPs), Notices of Construction (NOCs), Notices of Construction Completion (NOCCs), Notices of Soil Reuse with Aerially Deposited Lead (ADL), Reports of Illicit Connection/Discharge (IC/ID) and Storm Water Pollution Prevention Plans.



## **2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES**

### ***District Program Manager***

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC). The responsibilities of the District Storm Water Program Manager include:

- Direct District operations regarding storm water
- Align District efforts to achieve compliance with the NPDES permit
- Be the alternate signatory authority in the District for all compliance documents and commitments regarding storm water management

### ***District Storm Water Coordinator***

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Work as the primary liaison, "single point of contact," on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Interprets and implements Statewide NPDES and general construction permits. Under the terms of the general construction permits, files Notification of Construction/Notice of Intent, Notification of Aerial Deposited Lead to the Regional Water Quality Control Board for all applicable projects.
- Provide quality assurance prior to Storm Water Data Reports approval; provide water quality guidance for permit compliance issues related to design, construction and maintenance staff. Review any storm water related documents from Headquarter and other agencies in a timely manner. Act as a lead person and assign work for the Storm Water Unit.
- Work as the primary liaison, "single point of contact," on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.

- Participates in the preparation and submittal of reports including Regional Work Plans and Annual Reports.
- Conducts field reviews of projects and determines appropriate measures to improve runoff quality in order to comply with permits and NRDC lawsuit settlement.
- Assist in preparation of responses to Notices of Violation and other actions by regulatory agencies.
- Organize and reproduce documents or NRDC lawsuit settlement. File Storm Water related documents.
- Attend PDT meetings, Quality Review Meetings and coordinate with municipalities on Storm Water management issues.
- Represent District 7 in the PDSWAT (Project Design Storm Water Advisory Team) and WQSWAT (Water Quality Storm Water Advisory Team). Serve as a representative in the Construction Appeal Panel. Coordinate and address work requests between Headquarters and various functional units in the District.
- Work with Headquarters to develop and review guidance manuals for Storm Water. Coordinate training classes for the District staff.
- Represent in various Public Education activities within the District such as Bring Your Child to Work Day, Los Angeles County Fair, Beach Clean up Day, etc.
- Review task orders, technical studies published by the District and Headquarters.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

### ***Maintenance Coordinator***

Primary contact for Maintenance storm water issues.

- Coordinating, tracking and reporting the District's response to illicit connections/illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
- District Maintenance Coordinator manages district vegetation uses integrate pest management principles and coordinates annual inspections of storm drain systems.
- Conducts roadway and roadside cleanup operations such as trash and large debris and sweeping operations on 37,223 lane miles.
- Oversees self-audits on maintenance facilities and crew activities to ensure BMP implementation and NPDES permit compliance. Responsible for implementing Maintenance NPDES compliance and SWMP implementation training program.
- Responsible for data compilation for annual report to SWRCB, Illicit Connection/Illegal Discharge investigation and reporting, storm drain inlet markers, snow and ice control BMPs and structural treatment BMP maintenance.

## ***Construction Coordinator***

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepares Annual BMP Effectiveness Report to NRDC.
- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur before and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

## ***Design Storm Water and Landscape Architecture Coordinator***

- Developed to target and stress the implementation of Permanent Best Management Practices (BMP's) wherever practicable on District Projects.
- Attend (PDT) Project Development Team Meeting. Provide input and clarify concerns regarding storm water Permanent Treatment BMPs. Get familiar with the details of the project, identify what services will be provided with the Project Engineer and if the work will require the completion of a Storm Water Data Report (SWDR). If SWDR is required, identify type of document required (short or long form).
- Field Review with the Project Engineer (PE) to identify project details and field conditions, and potential locations for the incorporation of Treatment BMPs.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts. Prepare Design Permanent BMP Treatment Recommendation Package. Document findings such as Permanent BMP recommendations and field findings in a memo format. Identification of costs related to water pollution and erosion control in PR and PS&E. In PS&E Develops new specifications, details, and guidance materials related to erosion and sediment control and provide As-built drainage plans, aerial photographs, with locations of BMPs clearly delineated. Coordinate treatment design with the hydraulic and landscape sections, which will continue to prepare the plans, specifications and estimates.
- Enforce District Directive DD20, Design Policy concerning Slope Stabilization Design. For slopes steeper than 1:4, project reports are reviewed and approved for slope stabilization. For projects having 1:2 slopes or steeper, review and provide written concurrence by approving the design or landscape portion of the SWDR.
- Review Storm Water Data Report (SWDR) with emphasis on Treatment BMPs.
- Design (landscape) review and sign-off of the Storm Water Data Report (SWDR).
- Participate in the Design SWAT identified in the SWMP.

## ***Right-of-Way Coordinator***

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.

- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

### ***Total Maximum Daily Load (TMDL) Coordinator***

As a focal contact person for TMDL compliance, the District 7 TMDL Coordinator represents the District to coordinate matters related to Total Maximum Daily Loads (TMDLs) with the US Environmental Protection Agency (USEPA), the Regional Water Quality Control Boards, other regulatory agencies and local municipalities within the responsible boundaries of District 7. He or she coordinates with other local agencies to promote group compliance with the TMDLs and jointly assist the Regional Water Quality Control Boards in developing future TMDLs. He or she participates with watershed stakeholder groups in TMDL developments and watershed management, coordinates TMDL related matters with District staff, other Districts and HQ, coordinates development of the new storm drain outfall inventory databases and maintenance of the existing databases.

### ***Permits Coordinator***

The Office of Permits is responsible for issuing permits to local agencies, school districts, utility companies, and private developers proposing to encroach into the Department's right-of-way for construction, maintenance, or other special activities consistent with their organization. The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits complies with the NPDES Permit, SWMP, RWP, and the EPSWAT Charter. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way comply with the Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design. The specific storm water tasks for which the EPSWC is responsible for (but not limited to) the following:

- Functioning as the single point of contact on storm water and waste discharge issues for the District Encroachment Permit Office (DEPO).
- Represent the DEPO on the District's RWP.
- Review encroachment permit applications to ensure compliance with current Caltrans storm water policies and guidelines.
- Review Storm Water Pollution Prevention Plans (SWPPP), Water Pollution Control Programs (WPCP), and erosion control plans for Caltrans compliance and verify proper application of approved BMPs.
- Conduct storm water related field inspections of encroachment type construction activities to assist and support Permit Inspectors with BMP implementation.

- Assist HQ Encroachment Permits in providing storm water training programs for the DEPO.
- Assist HQ Encroachment Permits in reviewing storm water related documents and specific Task Orders.
- Represent District 7 in the Encroachment Permits Storm Water Advisory Team (EPSWAT) and disseminate new policies and procedures to the DEPO staff.
- Represent DEPO at all SWMC meetings.
- Notify the DSWC of discharges or situations that appear to be in gross violation of the Department's NPDES Permit, SWMP, or RWP.

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2–2 are authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

Portions of Caltrans District 7 fall within the jurisdiction of the Central Coast Regional Water Quality Control Board (CC-RWQCB). An organizational chart for the Central Coast Region's Storm Water responsibilities is shown in Figure 2–1. Staff members responsible for implementing the SWMP within the CC-RWQCB jurisdiction are listed in Table 2–1. Delegation of signatory authority for key Permit/SWMP required documents is included in Table 2–2.



**Table 2–1: District 7 Department Storm Water Personnel and Responsibilities**

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Jai Paul Thakur	District Program Manager	(213) 897-7546	<a href="mailto:Jai_Paul_Thakur@dot.ca.gov">Jai_Paul_Thakur@dot.ca.gov</a>	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District Storm Water Coordinator	(213) 897-0428	<a href="mailto:Shirley_Pak@dot.ca.gov">Shirley_Pak@dot.ca.gov</a>	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Main point of contact with HQ and other SW coordinators in Maintenance and Construction. Final District “sign-off” on all SWDR.
Ron Russak	Design Storm Water Coordinator	(213) 897-0233	<a href="mailto:Ron_Russak@dot.ca.gov">Ron_Russak@dot.ca.gov</a>	Developed to target and stress the implementation of Permanent Best Management Practices (BMP's) wherever practicable on District Projects.
Bob Wu	TMDL Coordinator	(213) 897-8636	<a href="mailto:Robert_Wu@dot.ca.gov">Robert_Wu@dot.ca.gov</a>	As a focal contact person for TMDL compliance, District TMDL Coordinator represents the District to coordinate matters related to Total Maximum Daily Loads (TMDLs) with the US Environmental Protection Agency (USEPA), the Regional Water Quality Control Boards, other regulatory agencies and local municipalities within the responsible boundaries of District 07.
James Burt	Construction Storm Water Coordinator	(213) 897-1960	<a href="mailto:James_Burt@dot.ca.gov">James_Burt@dot.ca.gov</a>	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepares Annual BMP Effectiveness Report to NRDC.
Roger E. Castillo	District Maintenance Coordinator	(213) 620-6318	<a href="mailto:Roger_E_Castillo@dot.ca.gov">Roger_E_Castillo@dot.ca.gov</a>	Manager for district office ‘maintenance’ storm water staff.
Edward Delano	Permits Storm Water Coordinator	(213) 897- 0095	<a href="mailto:Edward_Delano@dot.ca.gov">Edward_Delano@dot.ca.gov</a>	Responsible for reviewing permits to from local agencies, utility companies, school districts. Private developers to ensure all permits issued to Permittees encroaching into the Department's right of way are in compliance with the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design. Provide additional storm water field support to Permit Inspectors. Single point of contact between HQ, DSWC, SWMC, & EPSWAT and DEPO.

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Carol Devorkin	Right of Way Coordinator	(213) 897-4222	Carol_Devorkin@dot.ca.gov	This Coordinator is responsible to: Attend all SWMC meetings to report on Right of Way activities; Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities; Ensure that regular property inspections include storm water inspections.

**Table 2–2: District 7 Signatory Authority for Key Documents**

<b>Positions or Individuals</b>	<b>Documents Authorized for Signature</b>
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

Figure 2–1: District 7 Organizational Chart

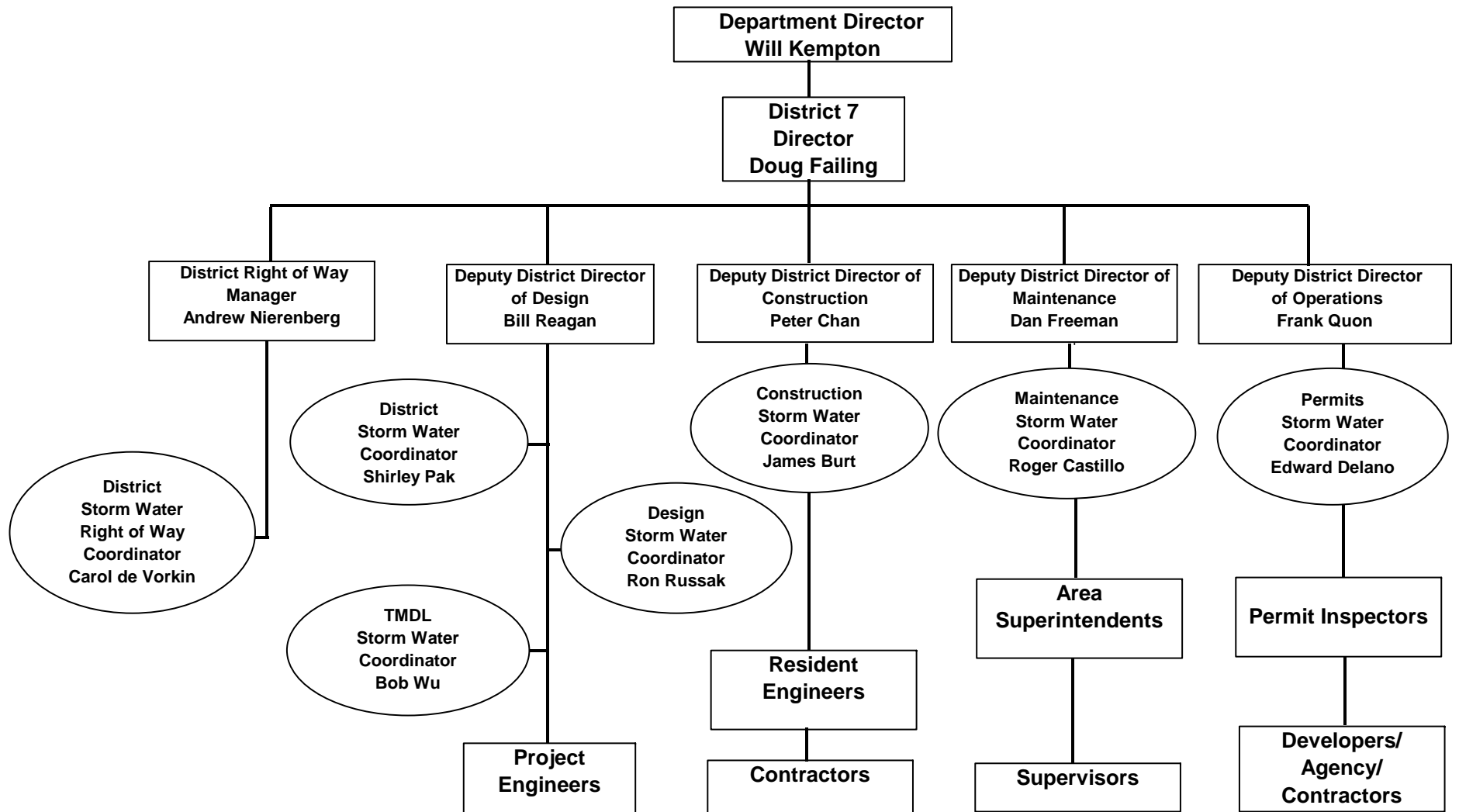


Figure 2-1  
Functional Organizational Chart for  
the Storm Water Program



### 3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3–1. Maps showing the District boundaries, major roads and highways within the Region RWQCB jurisdiction are presented in the accompanying Figure 3–1.

**Table 3–1: District 7 Facilities**

CO	RTE	PM	NAME	COMMENTS
<b>Maintenance Stations</b>				
None.				
<b>Vista Points</b>				
None.				
<b>Commercial Vehicle Enforcement Facilities</b>				
None.				
<b>Safety Roadside Rest Areas</b>				
None.				
<b>Park and Ride Facilities</b>				
None.				
<b>Sand and Salt Staging Areas</b>				
VEN	33	30.12	Sespe Gorge	Sand and Salt Storage
<b>Toll Road and Toll Bridge Plazas</b>				
None.				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP.



**Figure 3–1: District 7 RWQCB and H.U. Boundaries**  
insert map.





## **4.0 HIGH-RISK AREAS**

This section describes and identifies locations where spills from the Department's owned ROW, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

A list of high-risk areas within District 4 is presented in Table 4–1. High-risk areas (defined in the Section E.2 of the Permit) are areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

Locations that can be discharged directly to a municipal or domestic water supply reservoir or groundwater percolation impoundment are shown in the table below. Quick response from maintenance unit or hazardous waste unit is critical whenever spill or water drain near the high-risk area occurs.

### ***Goals and Commitments***

The Department is committed to comply in preventing spills with the Storm Water Data Report, the self-audit statewide program. However, if the spill does occur, the department shall respond quickly and clean up as efficiently as possible before any other calamities could occur near the high-risk area.

### ***Coordination and Partnerships***

The Department continued participating with the Responsible Agencies in the Jurisdiction Groups to monitor water quality in the Santa Monica Bay and to plan for implementation. In addition, The Responsible Agencies in the Jurisdiction Groups began working on a Quantitative Analysis for the Implementation Plans as required by the Regional Board on April 6, 2006. The Department initiated a dry weather inspection team in June 2006 to monitor for dry weather flows within the State right-of-way. The Department either stopped the discharges or informed the responsible agency of the discharge so it could be stopped.

### ***Documents and Reports***

The Department also published a Pathogen Study, “*Management of Pathogens Associated with Storm Drain Discharge*, CTSW-RT-02-025”, which was completed in May 2002. The study investigated the presence of human pathogens in urban storm drains, including locations in the Santa Monica and Malibu areas. The study concluded, "Highway facilities, including park-and-rides and maintenance stations, do not appear to be a significant source of pathogens in urban drainage."

### ***Educational Efforts***

There are currently no training courses, meetings or other educational sessions to help educate our District's staff about high-risk areas. Engineers may, however, access the Regional Work Plan to have the high-risk areas at their convenience.

**Table 4–1: District 7 High-Risk Areas**

<b>Road Segment/ Facility</b>	<b>County</b>	<b>High Risk Area</b>	<b>Description</b>	<b>Comments</b>
SR 33, PM 15	Ventura	Matilija Reservoir	The dam is 198 feet high and is currently being considered for removal by the County of Ventura, along with other local, state, and federal agencies	



## **5.0 IMPLEMENTATION ACTIVITIES**

The implementation strategy used by the Jurisdiction Groups is an integrated water resources approach that takes a holistic view of regional water resources management by integrating planning for future wastewater, storm water, recycled water, and potable water needs. Identify planned maintenance activities involving water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act. Information associated with the activities includes location, affected water body, and area of disturbance.

### ***Goals and Commitments***

The division Maintenance implements a storm water program with its allocations that utilizes best management practices for storm water projection during all of its roadway maintenance activities. The district is committed to applying vegetation control products to minimize usage and/or eliminate pollutant runoff. The District is committed to inspect, repair or clean storm drain systems.

### ***Coordination and Partnerships***

The Department continued participating with the Responsible Agencies in the Jurisdiction Groups to monitor water quality in the Santa Monica Bay and to plan for implementation. In addition, The Responsible Agencies in the Jurisdiction Groups began working on a Quantitative Analysis for the Implementation Plans as required by the Regional Board on April 6, 2006. The Department initiated a dry weather inspection team in June 2006 to monitor for dry weather flows within the State right-of-way. The Department either stopped the discharges or informed the responsible agency of the discharge so it could be stopped.

### ***Documents and Reports***

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### ***Educational Efforts***

The District Educational efforts begin with training for the Project Planning Design Guide to the project engineers. Other training that has been and will continue to be advantageous for the project engineers include:

- Treatment BMP training (two classes every year with a target of 60 attendees),
- Storm Water Data Report training,
- Permanent Erosion Control for Designers,
- Construction Site BMP training (two classes every year with a targeted 60 attendees).

- Field Application Training for Erosion and Sediment Control BMPs on Caltrans Construction Sites,
- Management of Construction Site Dewatering Operations,
- Field Application Training for Erosion and Sediment Control BMPs on Caltrans Construction Sites.

Under the Encroachment Permit Storm Water Caltrans, in coordination with private developers, engineering consultants, and contractors submitting SWPPPs for the District Encroachment Permit Office (DEPO) review additional efforts have been made to ensure that formal, Caltrans approved, 24hr Storm Water training is being obtained for SWPPP preparers and Water Pollution Control Managers (WPCM). This educational requirement should provide consistent BMP selection and implementation. As a result construction BMPs will be easier to review, inspect, and maintain.

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April. Table 5–1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “DSA”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5–1 is intended to facilitate early RWQCB staff input in the project-planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5–1.

Table 5–2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality; it provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). Department DNCs or Maintenance Storm Water Coordinators will coordinate with the appropriate RWQCBs to discuss maintenance activities listed in the RWP.

Table 5–3 summarizes various program management activities that are part of the storm water pollution prevention program.

**Table 5–1: District 7 Anticipated Project Development/Construction Schedule**

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
1	D	20300	VEN	33	11.2	57.5	Install guardrail, stripes, traffic control	Lake Casitas, Ventura River, Matilija Reservoir		DSA, HR	Oct-02	Aug-06	Oct-06	Feb-08



### Table 5-1 Legend

\*SWMP Category is defined in Statewide Storm Water Management Plan (SWMP) Section 4.4.1, Table 4–3,

- (A) Beginning of project development process prior to approval of the PSR (Project Study Report)
- (B) PSR approved, but environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, designs complete and project in the construction phase of project delivery

**\*\*Criteria:**

- DSA = Disturbed Soil Area is greater than 5 acres
- 303d = 303(d) listed water body within project limits and affected by project
- 401 = 401 Certification/waiver required
- HR = High Risk (Project limit within a high-risk area)

**Key:**

- EA = Expenditure Authorization
- CO-RTE-PM = County / Route / Post Mile
- SWPPP / WPCP = Storm Water Pollution Prevention Plan / Water Pollution Control Program
- Water Body = Water body impacted by project
- RB = Regional Water Quality Control Board
- PID = Project Initiation Document
- PA/ED = Project Approval / Environmental Document
- PS&E = Plans, Specifications, and Estimates
- RTL = Ready to List
- CCA = Construction Completion Acceptance
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP Section 4.4.2)

**Note:** All projects that do not require a SWPPP will require a WPCP.



**Table 5–2: District 7 Anticipated Maintenance Activities and Other Management Practices**

<b>Significant Roadway Maintenance Activities (1)</b>
None
<b>Maintenance Facility and Activity Inspections</b>
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.
At least One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.
<b>Maintenance Facility BMP Improvements</b>
Improvements will be based on the annual storm water facility inspections.
<b>Maintenance BMP Actions/Modifications</b>
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.
<b>Vegetation Management and Vegetated Slope Management</b>
<p>The District's Vegetation Control Plan (VCP) for FY 2007/2008 is under development. The goal of the District's 07-08 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs are under development at this time. They include the following:</p> <ul style="list-style-type: none"> <li>• Type of chemical to be applied</li> <li>• Applications locations, widths, total acres applied, frequency, amount totals</li> <li>• Reason for application</li> </ul>
<p><b>Vegetated Slope Evaluation</b></p> <p>The Department's created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>

### **Table 5-2 Legend**

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.
- (2) Criteria:
  - 401 = 401 Certification/Waiver required
  - DSA = Disturbed Soil Area is greater than 5 acres
  - 303d = 303 (d) listed water body within project limits and affected by project
  - SEP = Supplemental Environmental Project
  - Retro = Storm Water Retrofit Project
  - HR = Project limits within High Risk Area
  - RB = RWQCB designated project as a potential threat to water quality

**Table 5–3: District 7 General Management Practices**

<b>Monitoring Activities</b>
<p>As part of the maintenance monitoring program, under the direction of the Maintenance Storm Water Coordinator, Maintenance actively participates in Non-Storm Water inspections, 'Maintenance Activity Pollution Prevention Plans' (MAPPP), 'Facility Pollution Prevention Plans' (FPPP), and the maintenance facility BMP effectiveness programs.</p> <p>The District Maintenance will continue to inspect facilities and rate the deficiency of the facilities. The District Construction will continue to monitor activities during the Construction stage and rate the efficiency of the applied construction site BMPs in the field. Construction will continue to review SWPPPs and WPCPs provided the contractors. The District Design will continue in implementing the Storm Water Data Report for considering Treatment BMP during the design phase. Design Storm Water along with District Storm Water Unit will continue on implementing treatment BMPs for each feasible location.</p>
<b>Construction Compliance Monitoring Program</b>
<p>Construction, in compliance with the monitoring program, communicates and contacts the SWRCB regarding projects already in construction. Routine visits in construction sites are coordinated through the Construction Storm Water Unit. Any illegal discharge/illegal connection in a construction site is promptly reported to the State and to Regional Board. Construction monitors construction sites for the proper application of the temporary BMPs. SWPPP, WPCP, preconstruction meetings are attended by Construction Storm Water and the RWQCB. Construction provides various training to staff such as Field Application Training for Erosion and Sediment Control BMPs on Caltrans Construction Sites, Management of Construction Site Dewatering Operations, and Field Application Training for Erosion and Sediment Control BMPs on Caltrans Construction Sites.</p>
<b>Training and Public Outreach</b>
<p>Maintenance provides various training to staff, including the Annual storm water awareness training, and the highway spill response training.</p> <p>During maintenance crew tailgate meetings, maintenance storm water bulletins are reviewed, and proper BMP installation methods are shared among the crews.</p> <p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consist of a variety of written materials, bulletins, websites, workshops and the department's 'Adopt –A-Highway' program.</p> <p>Some venues we have used are Public Schools and Community sponsored clean-up events, and L.A. County Fair.</p> <p>The written material is designed to appeal to the public while providing technical information on selected department projects and activities.</p> <p>District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways.</p> <p>We continue to install stenciled warnings prohibiting discharges to drain inlets at 'Park-and-Ride-Lots', rest areas, vista points, and other areas with pedestrian traffic.</p>
<b>Municipal Coordination</b>
<p>District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB'S and other entities as necessary.</p> <p>Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.</p>